

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) Particles having a multilayered structure ~~based on substrates, characterised in that the~~ comprising substrates are coated with one or more layers of one or more polymers and one or more layers of one or more silanes, wherein the layers are alternating layers of polymers and silanes.
2. (Canceled).
3. (Currently Amended) Particles according to Claim 1, ~~characterised in that~~ wherein the substrates are coated with a layer of one or more polymers and a layer of one or more silanes applied thereto.
4. (Currently Amended) Particles according to Claim 1, ~~characterised in that~~ wherein the substrates are coated with a layer of one or more silanes and a layer of one or more polymers applied thereto.
5. (Currently Amended) Particles according to Claim 1 ~~characterised in that~~ wherein the substrates are in flake form.
6. (Currently Amended) Particles according to Claim 1 ~~characterised in that~~ wherein the substrate is selected from the group consisting of SiO₂ particles, TiO₂ particles, effect pigments, holographic pigments, pearlescent pigments, interference pigments, multilayered pigments, metal-effect pigments and/or BiOCl pigments.
7. (Currently Amended) Particles according to Claim 6, ~~characterised in that~~ wherein the effect pigments, holographic pigments, pearlescent pigments, interference

pigments, multilayered pigments and/or metal-effect pigments are based on supports of natural or synthetic mica, Al₂O₃ flakes, TiO₂ flakes, SiO₂ flakes, Fe₂O₃ flakes, glass flakes, ceramic flakes, metal flakes or graphite flakes.

8. (Currently Amended) Particles according to Claim 1 ~~characterised in that~~ wherein the one or more polymers are selected from the group consisting of polyethers, polyacrylates, polyvinylcaprolactams, cellulose, polystyrenes, polyvinyl alcohols, polyvinyl acetates, polysiloxanes, derivatives of the said polymers or mixtures thereof.
9. (Currently Amended) Particles according to Claim 1 ~~characterised in that~~ wherein the polymers are LCST and/or UCST polymers or polymers containing solvolysable groups.
10. (Currently Amended) Particles according to Claim 1 ~~characterised in that~~ wherein the one or more polymer layers additionally comprise additives.
11. (Currently Amended) Particles according to Claim 1 ~~characterised in that~~ wherein the one or more silanes are selected from the group consisting of the organosilanes having the general formula



where X = OH, halogen, alkoxy or aryloxy

Z = Si

R = alkyl, phenyl or hydrogen

B = organic, at least bifunctional group (alkylene, alkyleneoxyalkylene)

Y = alkyl, amino, substituted amino, hydroxyl, hydroxyalkyl, siloxane, acetoxy, isocyanate, vinyl, acryloyl, epoxide, epoxypropyloxy, imidazole or ureido group

n and m = 0, 1, 2 or 3, where $n+m \leq 3$.

12. (Currently Amended) Process for the production of particles having a multilayered structure according to Claim 1, ~~characterised in that~~ wherein substrates are coated with ~~one or more~~ alternating layers of one or more polymers and one or more layers of one or more silanes.
13. (Currently Amended) Process according to Claim 12, ~~characterised in that~~ wherein the coating with one or more polymers is carried out by precipitation in water and/or organic solvents, by polycondensation reactions, by polyaddition reactions and/or by free-radical polymerisation.
14. (Currently Amended) Process according to Claim 12 ~~characterised in that~~ wherein the polymers are LCST and/or UCST polymers or polymers containing solvolysable groups.
15. (Currently Amended) Process according to Claim 12 ~~characterised in that~~ wherein the silanes are applied by precipitation in water and/or organic solvents.
16. (Canceled).
17. (Currently Amended) Surface coatings, water-borne coatings, powder coatings, paints, printing inks, toners, safety elements, plastics, concrete, cosmetic formulations, agricultural sheeting, tarpaulins, tent awnings, pigment compositions and dry preparations comprising particles having a multilayered structure according to Claim 1.